Index of Claims

| Application No. | Applicant(s)  |  |
|-----------------|---------------|--|
| 09/682,957      | BRYANT ET AL. |  |
| Examiner        | Art Unit      |  |
| Monica Lewis    | 2822          |  |

| Rejected    |   | (Through numeral)<br>Cancelled |
|-------------|---|--------------------------------|
| <br>Allowed | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Monica Lewis

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | im       | Date     |          |          |          |          |          |   | Cla       | aim          |   |               |          | D                  | ate       |           |                    |                    |          | Cla                 | aim      |    |               |            |                                     | Date   | •             |          | _        |          |           |        |          |
|----------|----------|----------|----------|----------|----------|----------|----------|---|-----------|--------------|---|---------------|----------|--------------------|-----------|-----------|--------------------|--------------------|----------|---------------------|----------|----|---------------|------------|-------------------------------------|--|---------------|----------|----------|----------|-----------|--------|----------|
| Final    | Original | 11/4/04  |          |          |          |          |          |   |           |              |   | Final         | Original |                    |           |           |                    |                    |          |                     |          |    | Final         | Original   |                                     |  |               |          |          |          |           |        |          |
|          | 1        |          | П        | T        | $\dashv$ | $\dashv$ |          |   |           | Т            |   |               | 51       |                    |           |           |                    |                    |          |                     |          | t  | _             | 101        | T                                   |  |               |          |          |          | 口         |        |          |
|          | 2        |          |          |          |          |          |          |   |           |              |   |               | 52       |                    |           |           |                    |                    |          |                     |          |    |               | 102        |                                     |  |               |          |          |          |           |        |          |
|          | 3        |          |          |          |          | _        |          |   |           | $oxed{oxed}$ |   |               | 53       | Ц                  | Ш         | _         | $\perp$            | _                  |          | $\sqcup$            |          |    |               | 103        | L                                   | Ш  |               | _        | _        |          | $\square$ |        |          |
| _        | 4        |          | Ш        | _        | _        | _        |          |   |           | _            |   |               | 54       | $\sqcup$           |           | _         | 4                  | _                  | <u> </u> |                     |          |    |               | 104        | <u> </u>                            | Ш  |               | _        | _        | _        | $\sqcup$  |        | Ш        |
|          | 5        |          | Н        | 4        | 4        | $\dashv$ | $\dashv$ |   | <u> </u>  |              |   |               | 55       | -                  |           | _         | -                  | +                  | +-       |                     |          | -  |               | 105        | -                                   |  |               |          |          | _        | $\dashv$  |        | $\vdash$ |
| ļ        | 6<br>7   |          | Н        | -        | $\dashv$ | +        | -        |   | -         |              |   |               | 56<br>57 | $\vdash$           | $\dashv$  |           | +                  | +                  | +        | $\vdash$            |          | -  |               | 106<br>107 | ├                                   | $\vdash$   | -             | -        |          |          | $\vdash$  |        | Н        |
| 1        | 8        | =        | $\vdash$ | -        | ┪        | $\dashv$ |          | H | -         |              | ł |               | 58       | Н                  | $\dashv$  | +         | +                  | ╁                  | ╁╴       | $\vdash$            |          | ŀ  |               | 108        | $\vdash$                            | $\vdash$   | $\neg$        | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$  | -      | Н        |
| 2        | 9        | ▐▔       | H        | _        | $\dashv$ | $\dashv$ | $\neg$   |   | $\vdash$  | _            |   |               | 59       | Н                  | $\dashv$  | $\dagger$ | +                  | +                  | +        | $\vdash$            |          | -  |               | 109        | $\vdash$                            |  | _             |          | $\neg$   | $\neg$   | $\dashv$  |        | Н        |
| 3        | 10       | ╘        |          |          | $\dashv$ | 7        |          | Н | H         |              |   |               | 60       | П                  |           | $\dashv$  | +                  | ╅                  | T        |                     | -        |    |               | 110        |                                     | П  |               |          |          |          | $\Box$    |        |          |
| 4        | 11       | =        |          | T        | T        | 1        |          |   | <u> </u>  |              | l | $\overline{}$ | 61       | $\vdash$           | $\Box$    | 十         | $\top$             | 十                  | T        | П                   |          |    |               | 111        |                                     | П  |               | 一        |          | ヿ        | $\Box$    |        | П        |
| 5        | 12       | Ξ        |          |          |          |          |          |   |           |              |   |               | 62       |                    |           |           |                    |                    |          |                     |          |    |               | 112        |                                     |  |               |          |          |          |           |        |          |
| 6        | 13       | Ξ        |          |          | Ţ        | $\Box$   |          |   |           |              |   |               | 63       | $\Box$             | $\Box$    | $\bot$    | $oldsymbol{\perp}$ | $\perp$            | $\bot$   |                     | _        |    |               | 113        |                                     | $\Box$   |               | $\Box$   |          | $\Box$   | $\Box$    |        |          |
| 7        | 14       | =        | Ш        |          | _ļ       |          |          | _ |           |              |   |               | 64       | Щ                  | $\sqcup$  | 4         | $\perp$            | $\perp$            | _        | $\sqcup$            | _        |    |               | 114        | L                                   | $\sqcup$   |               |          |          |          | Щ         |        |          |
|          | 15       | <u> </u> | Ш        | _        | _        | 4        | _        |   | <u> </u>  |              |   |               | 65       | _                  | _         | 4         | 4                  | $\bot$             | -        |                     |          |    |               | 115        | <u> </u>                            | $\sqcup$   | _             | _        | _        |          | $\dashv$  | _      | $\vdash$ |
|          | 16       | <u> </u> | -        | _        |          | _        | 4        |   |           |              |   |               | 66       | ļ                  |           | +         | +                  | +                  | ╄        | $\vdash$            |          |    |               | 116        | <u> </u>                            |  | _             | -        | _        | _        | $\vdash$  |        |          |
|          | 17       | <u> </u> | $\dashv$ |          |          | -        | _        |   | L         |              |   |               | 67       | <u> </u>           |           |           | -                  | -                  | ┼        | $\vdash$            |          | -  |               | 117        | ├                                   |  | _             | $\dashv$ | _        | -        | $\dashv$  | -      | <u> </u> |
|          | 18<br>19 | ├        | $\dashv$ |          | $\dashv$ | $\dashv$ | -        |   |           |              |   | <u> </u>      | 68<br>69 | -                  |           | -         | +                  | +                  | +        |                     |          | ŀ  |               | 118<br>119 | -                                   | Н  | -             | $\dashv$ | -        | -        | $\vdash$  |        |          |
| $\vdash$ | 20       | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |   | H         |              |   |               | 70       | -                  | -         |           | +                  | +                  | +        | -                   |          | ŀ  |               | 120        |                                     | $\vdash$   |               | $\dashv$ |          | $\dashv$ | -         |        | H        |
| 8        | 21       | =        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   | $\vdash$  |              |   | -             | 71       |                    |           | +         | +                  | +                  | +-       |                     |          | ŀ  |               | 121        |                                     | $\vdash$   | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$  |        | $\vdash$ |
| 9        | 22       | =        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |           |              |   |               | 72       | $\vdash$           | $\dashv$  | _         | +                  | +                  | +        | $\vdash$            | -        | ŀ  |               | 122        | $\vdash$                            | $\vdash$   |               | -        | ᅥ        | $\neg$   | $\dashv$  |        | Н        |
| 10       | 23       | =        | $\Box$   | _        | $\dashv$ | 7        | T        |   |           |              |   |               | 73       |                    | $\exists$ |           | +                  | 十                  | +        | $\Box$              |          | ľ  |               | 123        |                                     |  |               |          |          | _        | $\sqcap$  |        |          |
|          | 24       |          |          |          |          |          |          |   |           |              |   |               | 74       | i                  |           |           | 十                  | 十                  | 1        | H                   | 7        | ľ  |               | 124        |                                     |  |               |          |          |          |           |        | П        |
|          | 25       |          |          | T        |          |          |          |   |           |              |   |               | 75       |                    |           |           |                    |                    |          |                     |          |    |               | 125        |                                     | П  |               |          |          |          | П         |        |          |
|          | 26       |          |          |          |          |          |          |   |           |              |   |               | 76       |                    |           |           |                    |                    |          |                     |          |    |               | 126        |                                     |  |               |          |          |          |           |        |          |
| 11       | 27       | =        |          |          |          |          |          |   |           |              |   |               | 77       |                    |           |           |                    |                    |          |                     |          |    |               | 127        |                                     | Ц  |               |          |          |          |           |        |          |
|          | 28       | _        | _        | _        |          | _        |          |   | L         |              |   |               | 78       | Ш                  | _         |           | 4                  | $\perp$            | $\bot$   | Ш                   | _        |    |               | 128        | <u> </u>                            | Ш  |               |          | _        |          |           |        | L        |
|          | 29       |          | $\dashv$ | _        | 4        | 4        | _        |   | _         |              |   |               | 79       | Ш                  | 4         | 4         | 4                  | $\bot$             | 4        | $\sqcup$            |          | ŀ  |               | 129        | _                                   | Ш  | _             |          | _        |          | $\vdash$  |        | $\vdash$ |
|          | 30       |          | -        | -+       | $\dashv$ | $\dashv$ | _        |   |           |              |   |               | 80       | H                  | -         | +         | -                  | -                  | +        | $\vdash$            |          | ŀ  |               | 130        |                                     | $\vdash \vdash$                                  |               |          |          |          | $\dashv$  |        |          |
|          | 31<br>32 | _        | $\dashv$ | $\dashv$ | -        | $\dashv$ |          |   |           |              |   |               | 81<br>82 | $\vdash$           | $\dashv$  | -         | +                  | +                  | +-       | -                   | $\dashv$ | ŀ  |               | 131<br>132 |                                     | $\vdash$   | -             |          |          |          | $\dashv$  |        | H        |
|          | 33       | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |           | _            |   |               | 83       | Н                  | +         | -+        | -+-                |                    | ╁╴       | $\vdash$            |          | ŀ  |               | 133        |                                     | $\vdash$   |               |          |          |          | $\dashv$  |        |          |
|          | 34       |          | $\dashv$ | $\dashv$ |          | 十        | _        |   | -         |              |   |               | 84       | Н                  | _         | +         | -                  | +-                 | +-       | $\vdash$            |          | ŀ  |               | 134        |                                     | H  |               | $\dashv$ |          | _        | $\dashv$  |        |          |
|          | 35       |          | $\Box$   | 寸        | 寸        | $\dashv$ |          |   | М         |              |   |               | 85       | Н                  | $\dashv$  | _         | $\top$             | $\top$             | T        | $\vdash$            | $\dashv$ | ŀ  |               | 135        | П                                   | H  | _             | $\dashv$ |          | 一        | $\dashv$  |        | П        |
|          | 36       |          |          |          |          |          |          |   |           |              |   |               | 86       | П                  |           |           | 丁                  | 丁                  | İ        |                     |          | ľ  |               | 136        |                                     | 口  |               | _        |          |          | $\Box$    |        |          |
|          | 37       |          |          | ╛        |          |          |          |   |           |              |   |               | 87       |                    |           |           |                    |                    |          |                     |          | ſ  |               | 137        |                                     |  |               |          |          |          |           |        |          |
|          | 38       |          | $\Box$   | $\Box$   |          |          |          |   |           |              |   |               | 88       |                    | $\Box$    |           | Ι                  | $\perp$            |          |                     |          |    |               | 138        |                                     |  |               |          |          |          | $\Box$    |        |          |
|          | 39       |          |          | $\Box$   | $\Box$   |          | $\Box$   |   |           |              |   |               | 89       | Ш                  |           |           |                    |                    | 1        | $\Box$              | _]       |    |               | 139        |                                     | Ш  |               |          |          |          | $\bot$    |        | oxdot    |
|          | 40       | L.,      |          | _        | _        | _        |          |   | Ш         |              |   |               | 90       | Ш                  | _         | $\perp$   | 4                  | 4                  | $\bot$   | $\sqcup$            | _        | ļ  |               | 140        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ  | _             | _        |          | _        | _         |        | Щ        |
|          | 41       | L .      | _        | _        | _        | _        | 4        |   | $\square$ |              |   |               | 91       | $\square$          | _         | _         | -                  | 4-                 | +-       | $\vdash \downarrow$ | _        | -  |               | 141        | $\vdash$                            | $\sqcup$   |               | _        | _        | _        | _         |        | $\dashv$ |
|          | 42       |          |          | -        | $\dashv$ | $\dashv$ | 4        |   |           |              |   |               | 92       | -                  | -         | +         | +                  | +                  | +        | $\vdash \vdash$     |          | ŀ  |               | 142        | $\vdash$                            | ${oldsymbol{arphi}}$                             | $\dashv$      | $\dashv$ | $\dashv$ | 4        | $\dashv$  |        | Н        |
|          | 43<br>44 |          | -+       | $\dashv$ | +        | +        | $\dashv$ | _ | $\vdash$  |              |   |               | 93<br>94 | $\left  - \right $ | +         | +         | +                  | +                  | +-       | $\vdash$            | -        | ŀ  |               | 143<br>144 | $\vdash$                            | ├┼   |               | $\dashv$ |          |          | $\dashv$  | _      | $\vdash$ |
| -        | 45       |          | -+       | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |   | $\vdash$  |              |   |               | 95       | $\vdash \vdash$    | +         | +         | +                  | +                  | +-       | $\vdash \vdash$     | $\dashv$ | ŀ  |               | 145        | H                                   | <del>                                     </del> | $\dashv$      |          | $\dashv$ | $\dashv$ | $\dashv$  | _      | $\dashv$ |
| -        | 46       | -        | -+       | $\dashv$ | $\dashv$ | $\dashv$ | ᅥ        | ᅱ | $\dashv$  | -            |   |               | 96       | $\vdash$           | $\dashv$  | +         | +                  | +                  | +        | H                   | $\dashv$ | ŀ  |               | 146        | H                                   |  | <del></del> i | $\dashv$ | ᅥ        | ᅥ        | 十         | _      | _        |
|          | 47       |          | -        | +        | $\dashv$ | $\dashv$ | $\dashv$ |   | $\Box$    |              |   |               | 97       | Н                  | $\dashv$  | +         | +                  | ┰                  | $\top$   | $\vdash \uparrow$   | ١        | it | $\overline{}$ | 147        |                                     | $\vdash$   |               | $\dashv$ | ヿ        | -        | $\dashv$  | $\neg$ | $\dashv$ |
| $\neg$   | 48       |          | 7        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |           |              |   |               | 98       | $\sqcap$           | 十         | $\dashv$  | $\top$             | 1                  | $\top$   | $\Box$              | 7        | ľ  |               | 148        | П                                   | $\sqcap$   | $\neg$        | 寸        | $\dashv$ | 寸        | $\dashv$  |        | T        |
|          | 49       |          |          |          |          | 丁        | J        |   |           |              |   |               | 99       |                    |           |           |                    | $oldsymbol{\perp}$ |          |                     |          |    |               | 149        |                                     |  |               |          |          |          | 丁         |        |          |
|          | 50       |          |          |          | $\Box$   | $\Box$   |          |   |           |              |   |               | 100      |                    | $\Box$    |           |                    |                    |          |                     |          |    |               | 150        |                                     |  |               | $\Box$   |          |          |           |        |          |